

#5a 9/9/98  
T. Bray

Express Mail No.: EL 066 225 477 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

R. ZAMBIAS et al.

Serial No.: 09/009,846

Group Art Unit: 1648

Filed: January 20, 1998

Examiner: P. Achutamurthy

Attorney Docket No.:  
5925-061



FOR LOGICALLY ORDERED ARRAYS OF  
COMPOUNDS AND METHODS OF  
MAKING AND USING THE SAME

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the office action dated May 26, 1998,  
applicants submit the following amendments and comments into  
the file of this application.

In the Specification

At page 11, line 31, between "sulfur," and  
"phosphorus," please insert --oxygen--.

At page 18, lines 33-34, please delete "carbon  
atoms" and insert therefor --atoms of carbon, nitrogen,  
oxygen, phosphorous or sulfur--.

In the Claims:

Please amend the Claims to read as follows:

1. (amended) A logically-ordered, spatially-  
addressable array of [molecular construct] at least 10  
compounds having a same common linear, branched or cyclic  
molecular core comprising at least three atoms of carbon,  
nitrogen, oxygen, phosphorus or sulfur and at least [one  
variable] two structural diversity elements, said array  
comprising at least a first sub-array and a second sub-array,  
wherein the compounds composing the first sub-array each have  
at least one common structural diversity element and the